=> d his (FILE 'HOME' ENTERED AT 18:59:32 ON 12 SEP 2002) FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH' ENTERED AT 18:59:48 ON 12 SEP 2002 L12324 S (DNA OR NUCLEIC(W) ACID OR POLYNUCLEOTIDE) (8A) (GLUTAMYL (W) TRAN 2519017 S DNA OR NUCLEIC(W)ACID OR POLYNUCLEOTIDE 1,3 1162011 S GLUTAMYL(W)TRANSPEPTIDASE OR SUPEROXIDE(W)DISMUTASE OR METALL 1.4 6130 S L2(8A)L3 L5 126587 S ADENVIRUS OR ADENOVIRAL OR LIPOSOME OR LIGAND-DNA 1.6 43 S L4 AND L5 1.7 26 DUP REM L6 (17 DUPLICATES REMOVED) => đ au ti so 1-26 17 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2002 ACS IN Zur Megede, Jan; Barnett, Susan W.; Engelbrecht, Susan; Van Rensburg, Estrelita Janse TIPolynucleotides encoding antigenic HIV type C polypeptides, polypeptides and uses thereof SO PCT Int. Appl., 233 pp. CODEN: PIXXD2 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2002 ACS 1.7 Berlin, Kurt; Piepenbrock, Christian; Olek, Alexander IN ΤI Detection of variations in the DNA methylation profile of genes in the determining the risk of disease SO PCT Int. Appl., 636 pp. CODEN: PIXXD2 L7ANSWER 3 OF 26 CAPLUS COPYRIGHT 2002 ACS IN Bennett, Michael J.; Rothman, Stephan S.; Nantz, Michael H. TΙ Method for nucleic acid transfection of cells SO PCT Int. Appl., 68 pp. CODEN: PIXXD2 L7 ANSWER 4 OF 26 CAPLUS COPYRIGHT 2002 ACS Bennett, Michael J.; Rothman, Stephan S.; Nantz, Michael H. IN ΤI Method for nucleic acid transfection of cells using cationic lipid/DNA complex SO U.S. Pat. Appl. Publ., 26 pp., Cont.-in-part of U.S. Ser. No. 487,089. CODEN: USXXCO L7 ANSWER 5 OF 26 CAPLUS COPYRIGHT 2002 ACS Epperly, Michael W.; Gretton, Joan A.; DeFilippi, Stacy J.; Sikora, ΑIJ Christine A.; Liggitt, Denny; Koe, Gary; Greenberger, Joel S. TIModulation of radiation-induced cytokine elevation associated with esophagitis and esophageal stricture by manganese superoxide dismutase-plasmid/liposome (SOD2-PL) gene therapy Radiation Research (2001), 155(1, Pt. 1), 2-14 SO CODEN: RAREAE; ISSN: 0033-7587 L7 ANSWER 6 OF 26 CAPLUS COPYRIGHT 2002 ACS IN Lukanidin, Eugene ΤT Therapeutic compositions and methods using Mts-1 protein for enhancing angiogenesis

- SO PCT Int. Appl., 41 pp. CODEN: PIXXD2
- L7 ANSWER 7 OF 26 CAPLUS COPYRIGHT 2002 ACS
- IN Barnett, Susan; Zur, Megede Jan
- TI Polynucleotides encoding antigenic HIV type C Gag- and/or Env-containing polypeptides for AIDS vaccine development
- SO PCT Int. Appl., 113 pp. CODEN: PIXXD2
- L7 ANSWER 8 OF 26 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
- AU Moriscot, C.; Pattou, F.; Kerr-Conte, J.; Richard, M. J.; Lemarchand, P.; Benhamou, P. Y. (1)
- TI Contribution of **adenoviral**-mediated superoxide dismutase gene transfer to the reduction in nitric oxide-induced cytotoxicity on human islets and INS-1 insulin-secreting cells.
- SO Diabetólogia, (May, 2000) Vol. 43, No. 5, pp. 625-631. print. ISSN: 0012-186X.
- L7 ANSWER 9 OF 26 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
- AU Chang, Kyu-Tae; Ikeda, Akihiro; Hayashi, Katsuhiko; Furuhata, Yasufumi; Bannai, Makoto; Nishihara, Masugi; Ohta, Akihiko; Ogawa, Shyoso; Takahashi, Michio (1)
- TI Possible mechanisms for the testis-mediated gene transfer as a new method for producing transgenic animals.
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- SO Journal of Reproduction and Development (1999), 45(1), 29-36 CODEN: JREDEF; ISSN: 0916-8818
- L7 ANSWER 11 OF 26 CAPLUS COPYRIGHT 2002 ACS
- IN Gjerset, Ruth A.
- TI Down-regulation of DNA repair to enhance sensitivity to p53-mediated suppression in cancer therapy
- SO PCT Int. Appl., 88 pp. CODEN: PIXXD2
- L7 ANSWER 12 OF 26 CAPLUS COPYRIGHT 2002 ACS
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- TI Peptides and peptidomimetics for prevention of neuronal cell death, and uses thereof
- SO PCT Int. Appl., 111 pp. CODEN: PIXXD2
- L7 ANSWER 13 OF 26 MEDLINE DUPLICATE 1
- AU Sawa Y; Kadoba K; Suzuki K; Bai H Z; Kaneda Y; Shirakura R; Matsuda H
- TI Efficient gene transfer method into the whole heart through the coronary artery with hemagglutinating virus of Japan liposome.
- SO JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, (1997 Mar) 113 (3) 512-8; discussion 518-9.

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- L7 ANSWER 14 OF 26 MEDLINE

ΑU Chao J; Chao L Kallikrein gene therapy: a new strategy for hypertensive diseases. TΙ SO IMMUNOPHARMACOLOGY, (1997 Jun) 36 (2-3) 229-36. Journal code: 7902474. ISSN: 0162-3109. L7 ANSWER 15 OF 26 MEDLINE DUPLICATE 3 Testoni M I; Bolzan A D; Bianchi M S; Bianchi N O ΑU Effects of antioxidants on streptonigrin-induced DNA damage and TIclastogenesis in CHO cells. SO MUTATION RESEARCH, (1997 Feb 3) 373 (2) 201-6. Journal code: 0400763. ISSN: 0027-5107. L7 ANSWER 16 OF 26 CAPLUS COPYRIGHT 2002 ACS AU Tsukiyama, Tadasuke; Shintani, Mami; Ogawa, Shyoso ΤI Introduction of exogenous gene in mice by injection of DNAliposome complex into pronuclei of fertilized ova SO Meiji Daigaku Nogakubu Kenkyu Hokoku (1997), 113, 17-27 CODEN: MDNHA3; ISSN: 0465-6083 L7 ANSWER 17 OF 26 MEDLINE DUPLICATE 4 ΑU Walther F J; David-Cu R; Lopez S L TIAntioxidant-surfactant liposomes mitigate hyperoxic lung injury in premature rabbits. SO AMERICAN JOURNAL OF PHYSIOLOGY, (1995 Nov) 269 (5 Pt 1) L613-7. Journal code: 0370511. ISSN: 0002-9513. L7ANSWER 18 OF 26 SCISEARCH COPYRIGHT 2002 ISI (R) ΑU WALTHER F J (Reprint); DAVIDCU R; LOPEZ S L TIANTIOXIDANT SURFACTANT LIPOSOMES MITIGATE HYPEROXIC LUNG INJURY IN PREMATURE RABBITS SO AMERICAN JOURNAL OF PHYSIOLOGY-LUNG CELLULAR AND MOLECULAR PHYSIOLOGY, (NOV 1995) Vol. 13, No. 5, pp. L613-L617. ISSN: 1040-0605. L7ANSWER 19 OF 26 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 5 ΑU Ogawa, Shyoso; Hayashi, Katsuhiko; Tada, Norihiro; Sato, Masahiro; Kurihara, Takashi; Iwaya, Makoto TTGene expression in blastocysts following direct injection of DNA into testis Journal of Reproduction and Development (1995), 41(4), 379-82 SO CODEN: JREDEF; ISSN: 0916-8818 L7 ANSWER 20 OF 26 CAPLUS COPYRIGHT 2002 ACS AU Onuki, Janice; Medeiros, Marisa H. G.; Bechara, Etelvino J. H.; Di Mascio, Paolo ΤI 5-Aminolevulinic acid induces single-strand breaks in plasmid pBR322 DNA in the presence of Fe2+ ions SO Biochim. Biophys. Acta (1994), 1225(3), 259-63 CODEN: BBACAQ; ISSN: 0006-3002 L7ANSWER 21 OF 26 MEDLINE DUPLICATE 6 ΑU Walther F J; David-Cu R; Supnet M C; Longo M L; Fan B R; Bruni R

Uptake of antioxidants in surfactant liposomes by cultured

AMERICAN JOURNAL OF PHYSIOLOGY, (1993 Oct) 265 (4 Pt 1) L330-9.

DUPLICATE 7

alveolar type II cells is enhanced by SP-A.

MEDLINE

Sai K; Umemura T; Takagi A; Hasegawa R; Kurokawa Y

Journal code: 0370511. ISSN: 0002-9513.

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ANSWER 22 OF 26

TIThe protective role of glutathione, cysteine and vitamin C against oxidative DNA damage induced in rat kidney by potassium bromate. JAPANESE JOURNAL OF CANCER RESEARCH, (1992 Jan) 83 (1) 45-51. SO Journal code: 8509412. ISSN: 0910-5050. ANSWER 23 OF 26 CAPLUS COPYRIGHT 2002 ACS L7IN Brigham, Kenneth L. Method of in vivo delivery of functional foreign genes TΙ SO PCT Int. Appl., 17 pp. CODEN: PIXXD2 ANSWER 24 OF 26 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. TANSWELL A K; OLSON D M; FREEMAN B A L7 AU LIPOSOME-MEDIATED AUGMENTATION OF ANTIOXIDANT DEFENSES IN FETAL TΙ RAT PNEUMOCYTES. AM J PHYSIOL, (1990) 258 (4 PART 1), L165-L172. SO CODEN: AJPHAP. ISSN: 0002-9513. ANSWER 25 OF 26 CAPLUS COPYRIGHT 2002 ACS Awaya, Akira; Kobayashi, Akira; Ishizuka, Yusaku; Abe, Hayao; Nomura, IN Yasuyuki Nonan peptide thymic serum factor derivatives as antiaging drugs TIJpn. Kokai Tokkyo Koho, 11 pp. SO CODEN: JKXXAF ANSWER 26 OF 26 CAPLUS COPYRIGHT 2002 ACS L7 Miroshnichenko, O. I.; Ponomareva, T. I.; Tikhonenko, T. I. ΑU Inhibition of adenovirus 5 replication in COS-1 cells by antisense RNAs TТ against the viral Ela region SO Gene (1989), 84(1), 83-9 CODEN: GENED6; ISSN: 0378-1119 => d bib ab 21-26 17 ANSWER 21 OF 26 DUPLICATE 6 L7 MEDLINE 94056788 MEDLINE AN94056788 PubMed ID: 8238367 DN TТ Uptake of antioxidants in surfactant liposomes by cultured alveolar type II cells is enhanced by SP-A. Walther F J; David-Cu R; Supnet M C; Longo M L; Fan B R; Bruni R ΑU Department of Pediatrics, Drew University College of Medicine, University CS of California, Los Angeles 90024. NC GI2 RRO 302607 (NCRR) AMERICAN JOURNAL OF PHYSIOLOGY, (1993 Oct) 265 (4 Pt 1) L330-9. SO Journal code: 0370511. ISSN: 0002-9513. CY United States DT Journal; Article; (JOURNAL ARTICLE) LAEnglish FS Priority Journals ΕM 199312 ED Entered STN: 19940117 Last Updated on STN: 19960129 Entered Medline: 19931203 Antioxidant delivery may be targeted toward the alveolar epithelium by ΑB encapsulating superoxide dismutase (SOD) and catalase in liposomes made from pulmonary surfactant. We studied whether antioxidant-surfactant liposomes increase cellular antioxidant activity in alveolar type II cells and whether this effect is influenced by the presence of surfactant protein A (SP-A). Cu, Zn SOD and catalase were encapsulated in

liposomes made from synthetic phospholipids with or without 5% SP-A or from natural cow surfactant. Alveolar type II cells from adult rats were preincubated for 20 h, and liposome mixtures were added for 24 h, followed by measurement of cellular SOD and catalase activities (U/mg DNA). Antioxidant-surfactant liposomes increased alveolar type II cell antioxidant activity sharply. Uptake of SOD/catalase from liposomes with synthetic phospholipids and SP-A was twice that from liposomes without SP-A and did not further improve in the presence of SP-B and -C. Encapsulation of antioxidants diminished the surface activity of the surfactant liposomes, but this feature was absent in the presence of SP-A. These data suggest that: 1) antioxidant-surfactant liposomes augment alveolar type II cell antioxidant activity, 2) liposomal uptake is facilitated by the presence of SP-A, and 3)

inhibition

of surface activity of surfactant by encapsulated antioxidants can be reversed by SP-A.

L7 ANSWER 22 OF 26 MEDLINE

DUPLICATE 7

AN 92184669 MEDLINE

DN 92184669 PubMed ID: 1544873

TI The protective role of glutathione, cysteine and vitamin C against oxidative DNA damage induced in rat kidney by potassium bromate.

AU Sai K; Umemura T; Takagi A; Hasegawa R; Kurokawa Y

- CS Division of Toxicology, National Institute of Hygienic Sciences, Tokyo.
- SO JAPANESE JOURNAL OF CANCER RESEARCH, (1992 Jan) 83 (1) 45-51. Journal code: 8509412. ISSN: 0910-5050.

CY Japan

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199204

ED Entered STN: 19920424 Last Updated on STN: 20000303

Entered Medline: 19920410

AB The roles of glutathione (GSH), cysteine, vitamin C, liposome

-encapsulated superoxide dismutase (L-SOD) and vitamin E in preventing oxidative DNA damage and cytotoxicity in the rat kidney after administration of potassium bromate (KBrO3) to male F344 rats were investigated by measuring 8-hydroxydeoxyguanosine (8-OH-dG), an oxidative DNA product, lipid peroxidation (LPO) levels and relative kidney weight (RKW). Combined preand posttreatment of animals with 2 x 800 mg/kg GSH i.p. inhibited the increase of 8-OH-dG, LPO levels and RKW caused by 80 mg/kg KBrO3 i.p. administration. In contrast, pretreatment with 0.3 ml/kg diethylmaleate (DEM) i.p., a depletor of tissue GSH, was associated with elevation of 8-OH-dG, LPO levels and RKW after a 20 mg/kg KBrO3 i.p. treatment, which itself caused no change. Administration of KBrO3 itself reduced renal non-protein thiol levels, but this was inhibited by the two doses of exogenous GSH. Combined treatment with DEM and KBrO3 lowered the non-protein thiol level in the kidney more than did DEM treatment alone. Protective effects against the oxidative damage caused by KBrO3 were also observed for pre- and posttreatment with 400 mg/kg cysteine i.p., another sulfhydryl compound, and daily i.g. application of 200 mg/kg vitamin C

for

5 days. However, no influence was evident after pre- and posttreatment with 18,000 U/kg L-SOD i.p. or daily i.g. 100 mg/kg of vitamin E for 5 days. The results suggest that intracellular GSH plays an essential protective role against renal oxidative DNA damage and nephrotoxicity caused by KBrO3.

L7ANSWER 23 OF 26 CAPLUS COPYRIGHT 2002 ACS AN 1991:443554 CAPLUS DN 115:43554 TIMethod of in vivo delivery of functional foreign genes IN Brigham, Kenneth L. PAVanderbilt University, USA SO PCT Int. Appl., 17 pp. CODEN: PIXXD2 Patent DT LA English FAN.CNT 1 PATENT NO. APPLICATION NO. DATE KIND DATE ----------PΙ WO 9106309 A1 19910516 WO 1990-US5993 19901018 W: AU, CA, JP RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE CA 2044593 AA 19910504 CA 1990 2044593 19901018 AU 9066456 A1 19910531 AU 1990-66456 19901018 B2 AU 625013 19920625 EP 452457 A1 19911023 EP 1990-916560 19901018 EP 452457 В1 19970820 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE JP 04502772 T2 19920521 JP 1990-515602 19901018 JP 3056782 B2 20000626 AT 157012 Ε 19970915 AT 1990-916560 19901018 A2 EP 800830 19971015 EP 1997-107677 19901018 19990317 EP 800830 **A**3 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE US 5676954 A 19971014 US 1995-437213 19950508 19891103 PRAI US 1989-431552 A EP 1990-916560 A3 19901018 WO 1990-US5993 19901018 Α 19910401 US 1991-678027 A1 A1 US 1992-919083 19920723 A method of expressing a foreign gene in cells of a mammalian organ in AB vivo involves injecting the gene in a cationic liposome into the mammal and activating gene expression. Mice were injected i.v. with a chimeric mouse metallothionein promoter-human somatotropin gene complexed with Lipofection.RTM.. The mice were given 5000 ppm ZnSO4 in their drinking water. Somatotropin was produced in the lungs, but not in the kidneys or liver. Peak gene expression occurred 3 days post transfection. L7 ANSWER 24 OF 26 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. AN1990:314716 BIOSIS DN BA90:33683 TΤ LIPOSOME-MEDIATED AUGMENTATION OF ANTIOXIDANT DEFENSES IN FETAL RAT PNEUMOCYTES. ΙΙΔ TANSWELL A K; OLSON D M; FREEMAN B A CS DIV. NEONATOL., HOSP. SICK CHILD., 555 UNIVERSITY AVE., TORONTO, ONT. M5G 1XG, CAN. SO AM J PHYSIOL, (1990) 258 (4 PART 1), L165-L172. CODEN: AJPHAP. ISSN: 0002-9513. FS BA; OLD LA English AB Cultured pneumocytes, prepared from fetal rat lung, are growth inhibited and have increased lactate dehydrogenase release and prostaglandin synthesis in response to 50 and 95% O2 exposure. The uptake of cationic liposomes by these fetal cells is more rapid and extensive than is

the case with cultured adult pneumocytes. Protection of fetal pneumocytes against the cytotoxic effects of 50 ro 95% O2 by liposome -entrapped antioxidant enzymes requires a liposome phospholipid concentration of only 1 nmol/cm2, compared with 45 nmol/cm2 for adult cells, which is a cytotoxic phospholipid concentration for the fetal cells. Despite this capacity of low concentrations of liposomes containing superoxide dismutase and catalase to increase endogenous antioxidant enzyme content, and to protect against cell death, such treatment does not attenuate O2-mediated alterations of cell growth or prostaglandin release. Inhibition of pneumocyte DNA synthesis, by elevated O2 concentrations, cannot be attributed to an autocrine effect of enhanced prostaglandin synthesis, because the addition of 50 .mu.M ibuprofen to inhibit prostaglandin synthesis does not prevent O2-mediated effects on DNA synthesis. ANSWER 25 OF 26 CAPLUS COPYRIGHT 2002 ACS 1990:546032 CAPLUS 113:146032 Nonan peptide thymic serum factor derivatives as antiaging drugs Awaya, Akira; Kobayashi, Akira; Ishizuka, Yusaku; Abe, Hayao; Nomura, Yasuyuki Mitsui Toatsu Chemicals, Inc., Japan; Mitsui Pharmaceuticals, Inc. Jpn. Kokai Tokkyo Koho, 11 pp. CODEN: JKXXAF Patent Japanese FAN.CNT 1 PATENT NO. KIND DATE APPLICATION NO. DATE -----_____ JP 01316328 A2 19891221 JP 1988-145812 19880615 The nonan peptide thymic serum factor pGlu-Ala-Lys-Ser-Gln-Gly-Gly-Ser-Asn (I) and its esters or amides (from the carboxyl group of terminal asparagine) or their salts can be formulated as any dosage forms (e.g. injections, liposomes, eye drops, suppositories, nasal spray, etc.) to prevent aging and to reactivate cell function. The antiaging effects (including organ superoxide dismutase and monoamine oxidase activities and protein, DNA, and RNA contents) of I were tested in senescence-accelerated mice. No toxicity was noted rats following s.c. injection of I at 30 mg/kg/day for 21 days. ANSWER 26 OF 26 CAPLUS COPYRIGHT 2002 ACS 1990:92752 CAPLUS 112:92752 Inhibition of adenovirus 5 replication in COS-1 cells by antisense RNAs against the viral Ela region Miroshnichenko, O. I.; Ponomareva, T. I.; Tikhonenko, T. I. Inst. Agric. Biotechnol., Moscow, 127253, USSR Gene (1989), 84(1), 83-9 CODEN: GENED6; ISSN: 0378-1119 Journal English To study the effect of antisense Ela RNA (asRNA) on adenovirus development, 2 types of adenovirus 5 Ela antisense constructs were engineered. One was complementary to the viral DNA region (nt positions 500-720) regulated by the metallothionein-I promoter, and the other was complementary to the DNA regions (nt positions 630-1570)

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under control of the long terminal repeat Moloney mouse leukosis virus promoter. Both asRNA constructs were cloned into a plasmid contg. the simian virus 40 origin of replication, the gene controlling geneticin (G418) resistance (G418R), and other regulatory elements. The COS-1 cells, which contained up to 100 copes of the engineered plasmids, synthesized antiviral asRNAs, which provided 71 to over 95% inhibition of adenoviral replication, in comparison to the control cells.

=> d his (FILE 'HOME' ENTERED AT 18:59:32 ON 12 SEP 2002) FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH' ENTERED AT 18:59:48 ON 12 SEP 2002 L1 2324 S (DNA OR NUCLEIC(W)ACID OR POLYNUCLEOTIDE) (8A) (GLUTAMYL (W) TRAN 2519017 S DNA OR NUCLEIC (W) ACID OR POLYNUCLEOTIDE L3 1162011 S GLUTAMYL(W) TRANSPEPTIDASE OR SUPEROXIDE(W) DISMUTASE OR METALL L46130 S L2(8A)L3 L5 126587 S ADENVIRUS OR ADENOVIRAL OR LIPOSOME OR LIGAND-DNA L6 43 S L4 AND L5 L726 DUP REM L6 (17 DUPLICATES REMOVED) L83948 S L2(3A)L3 L9 1028 S (DNA OR NUCLEIC (W) ACID OR POLYNUCLEOTIDE) (3A) (GLUTAMYL (W) TRAN L10 668 DUP REM L9 (360 DUPLICATES REMOVED) L11356825 S (TRANSFECT? OR TRANSFORM?) (5A) CELL L1247 S L10 AND L11 L13 47 DUP REM L12 (0 DUPLICATES REMOVED) L141852 S CDNA(6A)L3 L15 1307 S CDNA(3A)L3 202 S L15 AND L11 L16 L17 81 DUP REM L16 (121 DUPLICATES REMOVED) => d au ti so 50-81 117 L17 ANSWER 50 OF 81 MEDLINE DUPLICATE 31 Tamura T; McMicken H W; Smith C V; Hansen T N AU TТ Mitochondrial targeting of glutathione reductase requires a leader SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1996 May 24) 222 (3) 659-63. Journal code: 0372516. ISSN: 0006-291X. 1.17 ANSWER 51 OF 81 MEDLINE DUPLICATE 32 ΔIJ Negita M; Hayashi S; Yokoyama I; Emi N; Nagasaka T; Takagi H TΙ Human superoxide dismutase cDNA transfection and its in vitro effect on cold preservation. SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1996 Jan 26) 218 (3) 653-7. Journal code: 0372516. ISSN: 0006-291X. L17 ANSWER 52 OF 81 MEDLINE DUPLICATE 33 Komada F; Nishiguchi K; Tanigawara Y; Akamatsu T; Wu X Y; Iwakawa S; AU Okumura K TΙ Effect of transfection with superoxide dismutase expression plasmid on superoxide anion induced cytotoxicity in cultured rat lung cells. BIOLOGICAL AND PHARMACEUTICAL BULLETIN, (1996 Feb) 19 (2) 274-9. SO Journal code: 9311984. ISSN: 0918-6158. L17 ANSWER 53 OF 81 CAPLUS COPYRIGHT 2002 ACS ΑU Tsunezuka, Yoshio ТΤ Acceleration of invasion and metastasis in cancer cells transfected with MT-MMP cDNA

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contributes to some of the clinical symptoms associated with Down's syndrome.

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